

Title (en)

A STRUCTURE FOR RAISING PERSONS BY MEANS OF AN AIR FLOW

Title (de)

KONSTRUKTION ZUM ANHEBEN VON PERSONEN MITTELS EINES LUFTSTROMS

Title (fr)

STRUCTURE PERMETTANT DE SOULEVER DES PERSONNES AU MOYEN D'UN FLUX D'AIR

Publication

**EP 1697211 A1 20060906 (EN)**

Application

**EP 04724706 A 20040331**

Priority

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- IT RM20030577 A 20031216

Abstract (en)

[origin: US7572189B2] A structure used to raise persons by use of air jets (currents), includes several flight positions (3). Each flight position is associated with a device (1) that generates a vertical air flow, whose flow rate and intensity are constantly monitored from a control room (9) provided with an alphanumeric display. The device (1) includes a variable pitch propeller (6) driven by an electric motor whose rpm is adjusted using an inverter. An electric signal from a balance (7) is processed in order to determine what frequency the motor supply current should have to raise a participant of this weight up to a maximum height which is preferably about 2.5 to 3 meters.

IPC 8 full level

**B64D 23/00** (2006.01); **A63G 31/00** (2006.01)

CPC (source: EP US)

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